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**SUMMARY**

* Overall, 10+ years of IT experience as MS SQL Server Developer in analysis, design, implementation & administration of Business intelligence solutions (SSIS/SSRS) with Microsoft SQL server
* 2019/2018/2017/2016/2014/2012/2008 in development, testing & production environment.
* Excellent experience to deliver comprehensive Business Intelligence through integration of BI suite of products (SSIS, SSRS) including MS solutions like Microsoft Excel.
* Strong knowledge of Data Warehousing methodologies and concepts, including Star Schemas, Snowflake Schema, SSIS processes, Dimensional Modeling and Reporting tools.
* Highly proficient in using T-SQL for developing complex Stored Procedures, Effective Triggers, Tables, Views, User defined Functions, Relational Database Models and Data Integrity, SQL Joins, Indexing and Query Writing.
* Strong ability in Data warehousing tools, Data Mapping, Unit Testing, Migration, Conversions, and Process Documentation
* Proficient in Creating, Configuring, Deploying and Fine-tuning MS SQL Server Integration Service (SSIS) packages.
* Well versed in development, implementation, administration and support of ETL processes for large-scale Data Warehouses using SSIS including tools like BCP utility, DTS and SSIS 2016 / 2014/2012 Packages with proper control flow and data flow elements by using MS SQL Server.
* Expert in Developing SSIS Packages to Extract, Transform and Load (ETL) data into the Data warehouse from Heterogeneous databases such as Oracle, DB2, Sybase and MS Access.
* Experience in Creating and managing Event Handlers, Package Configurations, Logging, System and User-defined Variables for SSIS packages.
* Expert in designing (development) and deployment of SSIS packages from various sources like MS Access, Oracle, Excel, Microsoft SQL Server, flat file, and XML.
* Extensively worked on SSIS, Data Cleansing, Data Scrubbing and Data Migration.
* Experience in report writing using SQL Server Reporting Services (SSRS) and creating several types of reports like Drill down, Drill through, Dynamic, Linked, Parameterized, Cascading, Conditional, Table, Matrix, Chart, Document Map and Sub-Reports.
* Excellent communication skills, analytical skills, understand business requirements in various domains.
* Self-learning ability, Leadership Quality, good team player and determination to learn new technologies and maintain positive relationships at all business levels.

**Education:**  Bachelor’s degree in Computer Science

**TECHNICAL SKILLS:**

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| **Databases** | MS SQL Server 2019/2018/2017/2016/2014/2012/2008 MS–Access 16.0/15.0/14.0/12.0 |
| **Database Tools** | Enterprise Manager, Query Analyzer, SSMS, SQL Profiler, DataTransformation Services, Upgrade Wizard, Replication, Database Engine Tuning Advisor, SQL Server Dashboard, Business IntelligenceDevelopment Studio (BIDS) |
| **Reporting Tools** | SQL Server Reporting Services (SSRS), Crystal Reports 12/9,Microsoft Share Point |
| **Data Modeling** | Erwin, TOD, Fact and Dimensional Data Modeling, UML, Logical data modeling and Physical data modeling |
| **ETL Tools** | SQL Server Integration Services (SSIS), IBM Data Stage 7.5 |
| **Operating System** | Windows 2010/7/8.1/8/7, Linux CentOS 7, Solaris 11, Windows Server 2008 R2 |
| **Designing Tools** | Rational Rose, MS Visio |
| **Applications / IDE** | Visual Studio 2015/13/12/10, Adobe Photoshop, Adobe Dream viewerMS-Office, MS-Project |

**EXPERIENCE:**

**Comerica Bank, New York, NY Aug 2022 – Present**

**Sr. MS SQL / SSIS/SSRS Developer**

The goal of the project was to develop and maintain system database to process policy information and claim information in a more automated way then the current, which require physical intervention most of the time. I loaded large amount of data to Datawarehouse application, and created various SSRS and power BI reports.

**Responsibilities:**

* Worked with Stored Procedures, tables, and views and other SQL joins and statements for applications by using T-SQL.
* Used SSIS and T-SQL stored procedures to transfer data from source databases to staging area and finally transfer into data warehouse.
* Created the test cases for testing and comparing the data using SQL queries.
* Taking Database Full Backup, Transaction log backup & differential backup in daily routine.
* Developed and deployed data transfers packages to the appropriate destinations using SSIS.
* Created SQL server configurations for SSIS packages. Used SSIS transformations to implement the Slowly Changing Transformation, to maintain Historical Data in the Data warehouse.
* Created packages using the various control flow tasks such as data flow task, execute SQL task, Execute package task, File System task.
* Performed maintenance of Stored Procedures to improve Performance of different front-end Applications.
* Extracting the data from the different sources (CSV files, oracle, and MS SQL 2017) and stored the data into the intermediate Staging Database using the SSIS ETL tool.
* Transform the data from the staging database and perform the transformation using the Data Flow Tasks.
* Operations and perform the Different required transformation in the Staging Database and make the data ready to load in the Data WarehouseDatabase.
* Scheduled the Reports to run on daily and weekly basis in Report Manager and also email them to director and analysts to review in Excel Sheet.
* Used SSIS jobs for importing data from flat files that brings the data to the application tables.
* Wrote complex Stored Procedure, Queries, Triggers, Functions, Indexes, User-defined functions and Cursors for the application.
* Used several transformations in Data Flow including Derived-Column, Script, Lookup, Data Conversion, and Conditional-Split to categorize data for other departments.
* Designed and developed SSIS packages to import and export data from MS Excel, SQL Server and flat files.
* Used Various Control Flow and Data Flow Tasks like Execute SQL Task, For Each Loop Container, Derived Column, Data Conversion, etc. for Creating SSIS Packages.
* Scheduled Jobs for executing the stored SSIS packages, which were developed to update the database on a daily basis using SQL Server Agent.
* Designed and implemented Stored Procedures and Triggers (DDL & DML) for automating tasks.

**Environment:** - MS SQL Server 2019/2018, T- SQL (SSMS, SSIS) XML, SY-Base, Oracle, MS Excel 2019/2016, MS Access 2007 & Windows Server 2012, SQL Profiler, Data Analyzer.

**VA Department of Health, Woodcliff Lake, NJ
Oct 2021 – July 2022**

**MS SQL /SSIS/SSRS Developer**

The goal of the project was to develop a robust and efficient data integration and reporting solution to enhance data management and analysis within the healthcare organization, ultimately improving patient care and operational efficiency.

**Responsibilities:**

* Created SSIS package to load data from XML Files, SQL Server to SQL Server 2016/2017 by using Lookup,Derived Columns, Condition Split, aggregate, Pivot Transformation, Execute SQL Task and Slowly Changing Dimension.
* Designed and developed physical and logical Data Models using Erwin and also responsible for Forward Engineering in Data Modeling.
* Defined and designed database in business requirements and provided documentation.
* Actively took part in Data Modeling/Data Dictionary ODS
* Designed, developed and supported many Tables, Stored Procedures, and Triggers on Sybase and SQL server.
* Worked closely with data modeler to create data model for or modified existing data model to support different reports running on business objects and SSRS.
* Developed Validation Plans for SSIS packages for checking the functionality of each component and Code review.
* Used SSIS to create ETL packages to Validate, Extract, Transform and Load data to Data Warehouse.
* Planned and executed SSIS Package step process to load data, validate data and Recommending task to resolve performance issues with loading data into the Data Warehouse.
* Modified the existing SSIS packages, Script Component Task to meet the changes specified by the users and adding columns to the newly designed table and to the existing table.
* Scheduled Jobs for executing the stored SSIS packages, which were developed to update the database on a daily basis using SQL Server Agent.
* Involved in creating alerts for successful or unsuccessful completion of scheduled jobs. Job overlap alert.
* Worked in setup auditing, logging environment to track the status of the events like error raise, task failure.
* Designed tool to Automatic added Derived column, Parameter and Configuration value to the package.
* Working with Team Foundation Server as the source for version control and project / issue management
* Designed, Developed and Deployed reports in MS SQL Server environment using SSRS-2017
* Created reports to retrieve data using function, views, cube and Stored Procedures using parameters. Created various database objects like stored procedures, functions, tables, views, and triggers.
* Fine-tuned SQL Queries for maximum efficiency and performance using SQL Profiler and Database Engine Tuning Advisor.
* Provided documentation for all kinds SSIS packages.
* Designed and implemented Stored Procedures and Triggers (DDL & DML) for automating tasks.
* Designed and implemented Data Marts, Facts, Dimensions and OLAP cubes having Star/ Snowflake schema using Dimensional Modeling principles in SSAS.

**Environment: -** MS SQL Server 2017/2018, (SSMS, SSIS, SSRS), XML, MS Excel 2016, MS Access 2007 & Windows Server 2008, SQL Profiler,

**Flatiron Health, New York, NY
Jan 2020 – Aug 2021**

**MS SQL /SSIS/SSRS Developer**

Goal of the project was to develop a streamlined data integration and reporting solution leveraging SSIS and SSRS to enhance data accessibility, accuracy and reporting capability within the healthcare organization, with a primary focus on improving patient care and operational efficiency

**Responsibilities:**

* Worked closely with Business Analyst, Team Leader, DBA and Technical Manager in order to gatherrequirements for design and implementation of database for their existing customers as well as new online customers.
* Used Joins, correlated and non-correlated subqueries for complex business queries involving multiple tables from different databases and implemented triggers and stored procedures and enforced business rules via checks and constraints.
* Created indexes on selective columns to speed up queries and analyses in SQL Server Management Studio.
* Reduced the T-SQL overhead successfully by avoiding unnecessary use of the union statement & using the TOP operator to limit the Select Statement in certain Queries.
* Created views to restrict access to data in a table for security.
* Designed SQL SSIS Packages to extract data from various data sources such as Access database, Excel spreadsheet**,** and flat files into SQL Server 2016 for further Data Analysis and Reporting by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, Merge and Union all.
* Wrote MDX queries to access data from OLAP cubes.
* Involved in Report Design and Coding for Standard Tabular type reports, including Drill down and Drillthrough functionality and Graphical presentations such as Charts and Dashboard type matrix using SSRS.
* Used complex expressions to Calculate, Group, Filter, Parameterize, and Format the contents of the report.
* Created Cross-Tab and Sub-Report using RDL and promoted RDLs to Reporting Service Server.
* Scheduled monthly/weekly/daily reports to run automatically.
* Worked on querying data and creating on-demand reports using Report Builder in SSRS reports and sending the reports via email to the customers for their values of funds.
* Developed complex Stored Procedures and views to generate various Drill-through reports, parameterized reports and linked reports using SSRS.
* Scheduled and maintained nightly and weekly loads of data by creating the corresponding job tasks for their online customers.
* Enhanced performance using optimization techniques-normalization, indexing and Transaction Isolation levels, monitoring logs to ensure the completeness of batch processes and scripts.

**Environment: -** MS SQL Server 2016/2014, T-SQL, MS. EXCEL 2016, MS Access, Microsoft SQL Server Reporting Services (SSRS), Microsoft SQL Server Integration Services (SSIS)

**Galaxy IT Solution, Kabul, Afghanistan
Sept 2018 - Sept 2019**

**MS SQL /SSIS/SSRS Developer**

Pragmatic Solution provides solutions such as mobile development, Web development, application development etc. We aim to help our clients lead their industries in innovation, increase operational efficiencies, reduce costs and outdo their competition. The main goal of the project is to extract data from various data sources like DB2, Oracle, Sql Server and load it into a data warehouse by using sql server integration services and Generating reports by using sql server reporting services.

**Responsibilities:**

* Developed backup restore scripts for SQL Server as needed.
* Involved in Creation of Reports, Created ODBC Connections and database Connections.
* Wrote complex ETL scripts using SQL server integration services.
* Deeply involved in developing SSIS packages for extracting the data from the database, transforming it and loading into the data warehouse.
* Worked on various SSIS objects like Data flow components, Control Flow elements, Connection Manager, Event Handling and log providers.
* Based on the required reports, identified various data sources and established the connections using SSIS and constructed data source view.
* Formatted reports for various Output formats such as PDF, EXCEL and WORD for the convenience of the end users.
* Develop and deliver dynamic reporting solutions using SQL Server 2012 Reporting Services (SSRS).
* Created Drill down and Drill through reports using Crystal Reports.
* Provided DBA assistance in SharePoint 2007 to SharePoint2010 conversion.
* Designed and implemented data access stored procedures and triggers for automating tasks.
* Involved in job scheduling and alerts.
* Designed and implemented user login and security.
* Wrote Parameterized Queries for generating Tabular reports and Subreports using Expressions, and Functions, Sorting the data, Defining Data sources and Subtotals for the reports using SSRS 2008R2.
* Defined report layouts including report parameters and wrote queries for drill down reports using SSRS 2008R2.
* Developed complex reports using multiple data providers, user defined objects, aggregate aware objects, charts, and synchronized queries.
* Administered interface to organize reports and data sources, schedule report execution and delivery, and track reporting history using SSRS 2008R2.

**Environment:** - MS SQL Server 2012/2008, SSRS/SSIS, Microsoft Office SharePoint Server 2007/2010, Crystal reports, T-SQL, Windows 2007.

**Yawar ICT Solution, Kabul, Afghanistan
July 2013 - Aug 2018**

**MS SQL /SSIS/SSRS Developer**

Vijay Web Solution is providing a variety of services such as Website development, Mobile application development etc. The goal of the project was to migrate sql server databases by using sql server integration services to load data into the data into the data warehouse and in order to generate various reports we use sql server integration services.

**Responsibilities:**

* Used Joins, correlated and non-correlated subqueries for complex business queries involving multiple tables & calculations from different databases.
* Involved in designing the physical database model on SQL Server 2008 RDBMS using different Data Definition and Manipulation languages (DML/DDL) implementing constraints and triggers for data integrity.
* Created SSIS Packages using Pivot Transformation, Fuzzy Lookup, Derived Columns, Condition Split, Term extraction, Aggregate, Execute SQL Task, Data Flow Task, and Execute Package Task etc. to generate underlying data for the reports and to export clean data from Excel Spreadsheets, Text file, MS Access and CSV files to data warehouse.
* Created OLAP Cubes and was responsible for OLAP processing, Optimizing Dimensions, creating hierarchies and adding the Aggregations to the Cube.
* Performed partitioning of cubes as well as cube optimization in order to increase the performance of cubes.
* Created complex queries to automate the data profiling process needed to define the structure of the pre staging and staging area.
* Designed and developed matrix and tabular reports with drill down, drill through and drop-down menu option using SSRS.
* Created interface stored procedures used in SSIS to load/transform data to PRMS
* Increased the performance necessary for statistical reporting by 25% after performance monitoring, tuning and optimizing indexes.
* Generate Parameterized reports and linked reports using Bookmark links and Hyperlinks.
* Created subscription for the windows file share and implemented three-layer securities for the reports, SSRS website, and in the Intranet web application.
* Created Alerts for successful or unsuccessful completion of scheduled Jobs
* Diagnosing and tuning the server optimal performance using SQL server 2008Dynamic Management Views (DMV), Profiler and database engine tuning advisor.

**Environment:** - Microsoft SQL Server 2008 Enterprise Edition, T-SQL, SQL Server Reporting Services, SQL Server Integration Services, SQL Server Analysis Services, Windows server 2008 and IIS 5.0, Visual Source Safe.